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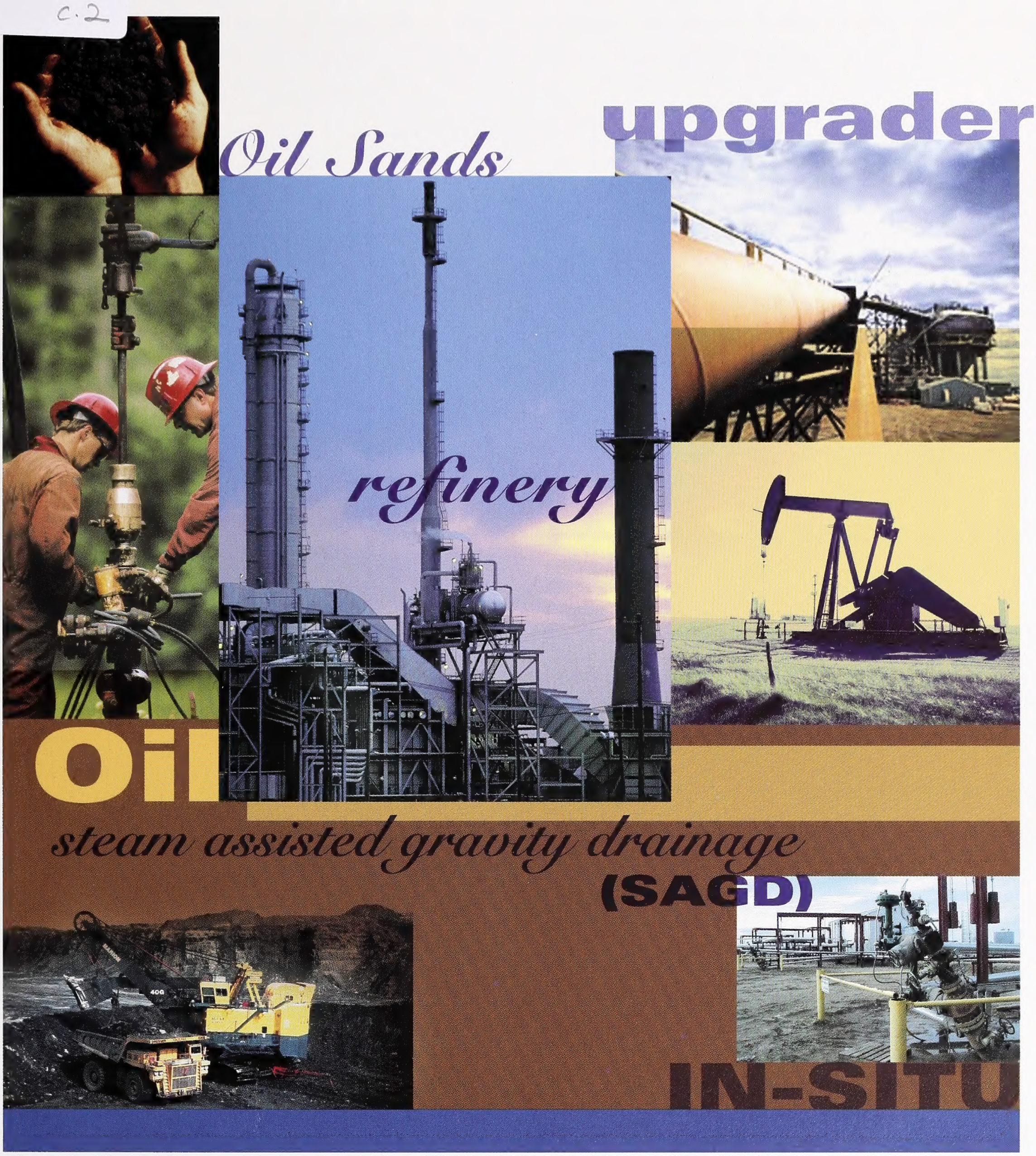


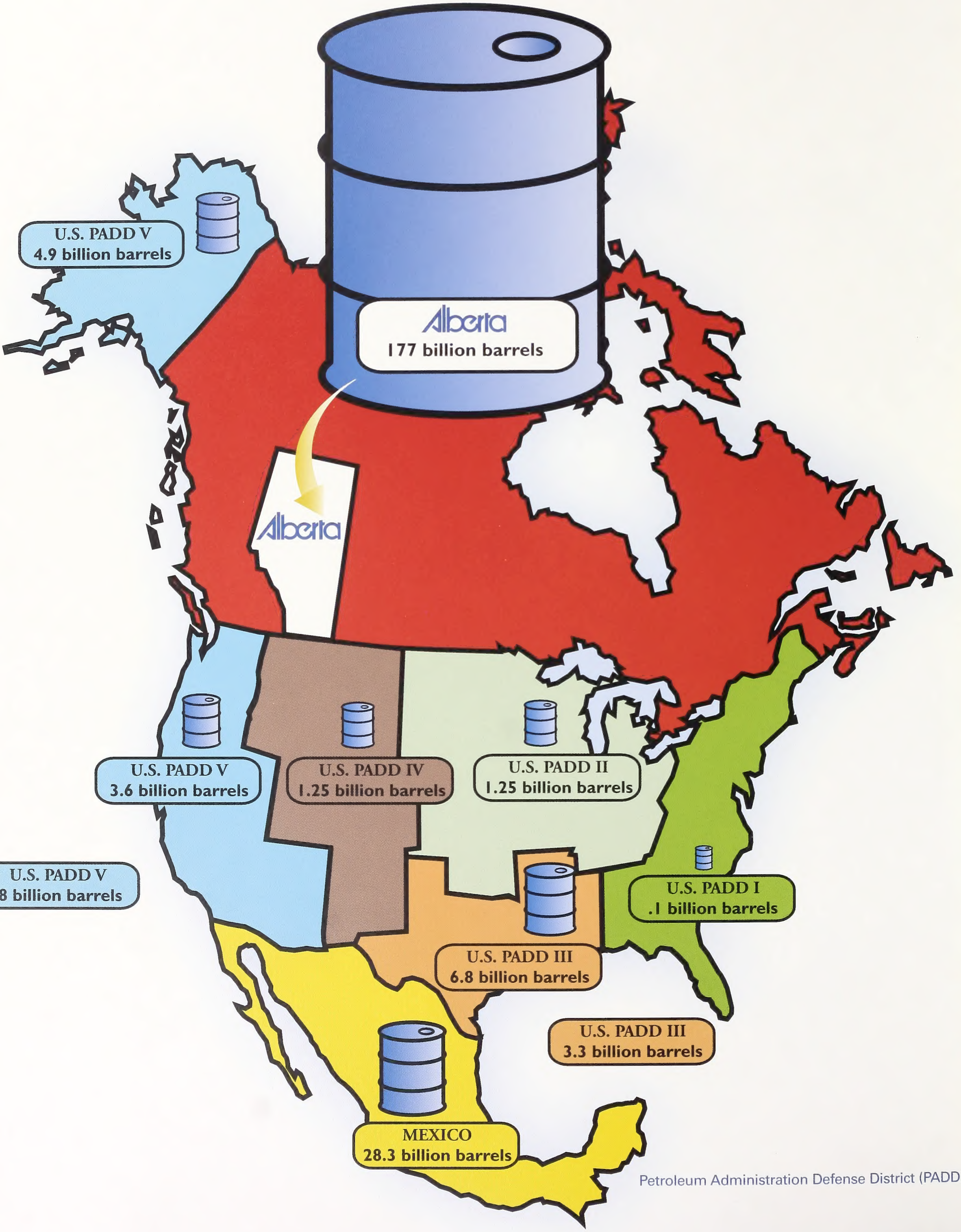
2000 North American Oil Reserves

EUB
Alberta Energy and Utilities Board

Alberta
ENERGY

North American Oil Reserves 2000

(remaining reserves as of December 31, 2000)



Petroleum Administration Defense District (PADD)

Location	Reference	Billion Barrels
Canada		
B.C.	CAPP	.17
Alberta	EUB*	177.00
Saskatchewan	CAPP	1.14
Manitoba	CAPP	.02
Ontario	CAPP	.01
East Coast Offshore	CAPP	1.0
Mainland Territories	CAPP	.07
Mackenzie Beaufort	CAPP	.34
Total Canada		**179.75**
USA		
PADD I	US DOE 🟩	.10
PADD II	US DOE ⬜	1.25
PADD III	US DOE 🟧	10.10
PADD IV	US DOE 🟫	1.25
PADD V	US DOE 🟪	9.30
Total USA		**22.00**
Mexico		
Total Mexico	IPE	**28.34**
Total North America		**230.09**

Reference:
Alberta Energy and Utilities Board (EUB)
Canadian Association of Petroleum Producers (CAPP)
International Petroleum Encyclopedia (IPE)
United States Department of Energy (US DOE)

*includes oil sands reserves

- **Alberta has huge deposits of oil.**
- While conventional oil reservoirs are scattered throughout the province, oil sands underlie 140,800 square kilometres in northern Alberta.
- Conventional crude oil deposits contain 60 billion barrels, of which almost 20 billion barrels are expected to be ultimately recoverable.
- Alberta's conventional crude oil generally ranges in quality between 15 to 40 degrees [1]API and is recovered through traditional conventional methods. For heavier oil that is referred to as bitumen, below 15 degrees API, recovery is done through more innovative technologies such as co-production with sand, thermal injection and mining techniques.
- Alberta's crude oil production accounts for 70 per cent of Canada's total petroleum production. Approximately $60 billion of investment in the development of Alberta's crude oil has been announced from 1996 to 2010, with the majority of this being in oil sands development. This investment would double current production levels in the province.
- The main component of oil sands is bitumen. Alberta's oil sands contain 1.6 trillion barrels of bitumen, of which 175 billion barrels are expected to be recoverable using current technology. However, about 311 billion barrels is considered potentially recoverable under anticipated technology.
- As conventional supplies decrease, oil sands production becomes more important to North America's energy supply.

[1] API (American Petroleum Institute) refers to the accepted standard for measuring and determining crude oil gravity. The lower the degrees API classification, the heavier the crude oil.

For further information www.energy.gov.ab.ca

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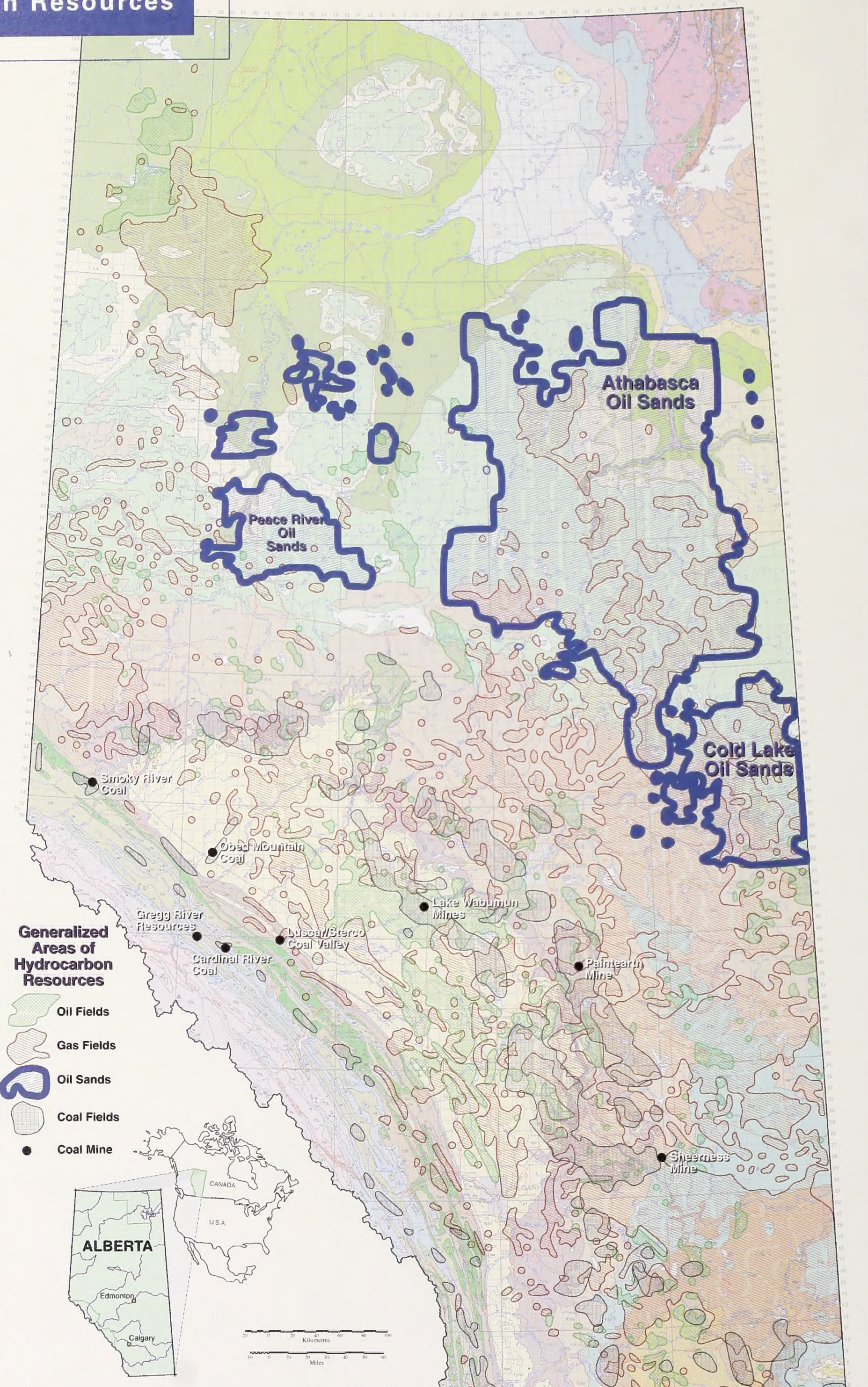
Hydrocarbon Resources



EUB
Alberta Energy and Utilities Board

AGS
Alberta Geological Survey